



Brazilian physicist leads Rome workshop

by Francis L. Crumb, Information Directorate

ROME, N.Y. — Dr. Constantino Tsallis, an internationally-known Brazilian physicist, recently headed a lecture series on complexity and nonextensive entropy at the Air Force Research Laboratory's Rome Research Site.

The workshop was conducted by SI International, Inc., under the auspices of the Rome Research Site's Air Force Office of Scientific Research Windows on Science program and the AFRL Information Directorate's New Frontiers in Information Sciences Distinguished Lecture Series.

Considered a leading authority in the fields of entropy and statistical research, Dr. Tsallis was joined by other top researchers to bring the laboratory's cadre of scientists up to date on the current advances in information theory. Invited lecturers included Dr. Attipat Rajagopal, Naval Research Laboratory; Dr. Ioan Andricioaei, University of Michigan; Dr. Carla Gomes and Jeffrey Fowler, both of Cornell University; Dr. James LaRue, National Academies of Science; Dr. Howard Blair, Syracuse University, and Dr. Michael Gans of the Rome Research Site's Information Connectivity Branch.

Dr. Tsallis, a professor at Centro Brasileiro de Pesquisas Fisicas in Rio de Janeiro and currently a visiting researcher and faculty at the Santa Fe Institute in N.M., is renowned for his work in statistical mechanics. He has co-edited various books in this field, including his most recent, "Nonextensive Entropy - Interdisciplinary Applications," with Murray Gell-Mann, a Nobel laureate in physics. Dr. Tsallis' works have received more than 5,200 citations in international journals. @